MAR 1 1 2002

Docket No. ISPH-0617



## Declaration and Power of Attorries For Patent Application

## **English Language Declaration**

|   | 2.19.1011 24119   | aago 2001a.a.io  |  |  |  |
|---|---|--|--|--|--|
| As a below named inventor, I hereby declare that:   |   |  |  |  |  |
| My residence, post office address and citizenship are as stated below next to my name,  |   |  |  |  |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled |   |  |  |  |  |
| Antisense Modulation of SHH I   | Expression  |  | COPY OF PAPERS<br>DRIGINALLY FILED   |  |  |
| the specification of which  |   | Classic  |  |  |  |
| (check one)   |   |  |  |  |  |
| ☐ is attached hereto.   |   |  |  |  |  |
| ■ was filed on November   | 16, 2001 a  | s United States Application N  | o. or PCT International  |  |  |
| Application Number 10   | /001,844  |  |  |  |  |
| and was amended on  |   |  |  |  |  |
|   |   | (if applicable)  |  |  |  |
| I hereby state that I have reincluding the claims, as amo   |   | and the contents of the above ment referred to above.  | identified specification,  |  |  |
| •   |   | d States Patent and Tradema<br>s defined in Title 37, Code   |  |  |  |
| Section 365(b) of any fore<br>any PCT International appli<br>listed below and have also   | ign application(s) for cation which designation identified below, by continuational applications. | Title 35, United States Code patent or inventor's certifica ted at least one country other checking the box, any foreign ation having a filing date before | te, or Section 365(a) of<br>than the United States,<br>application for patent or |  |  |
| Prior Foreign Application(s)  |   |  | Priority Not Claimed   |  |  |
|   |   |  |  |  |  |
| (Number)  | (Country)   | (Day/Month/Year Filed  | <del></del>  |  |  |
|   |   |  | _ =  |  |  |
| (Number)  | (Country)   | (Day/Month/Year Filed  | i)<br>   |  |  |
| (Number)  | (Country)   | (Day/Month/Year Filed  | <del></del>  |  |  |

| I hereby claim the benefit unde application(s) listed below:   | er 35 U.S.C. Section 119(  | e) of any United States provisional  |
|--|--|--|
| (Application Serial No.)   | (Filing Date)  | -  |
| (Application Serial No.)   | (Filing Date)  |  |
| (Application Serial No.)   | (Filing Date)  |  |
| United States or PCT Internationa U.S.C. Section 112, I acknowledg Office all information known to m | ach of the claims of this application in the manner properties to the end to be material to patentabole between the filing date of | the United States, listed below and, plication is not disclosed in the prior provided by the first paragraph of 35 United States Patent and Trademark ility as defined in Title 37, C. F. R., the prior application and the national |
| (Application Serial No.)   | (Filing Date)  | (Status)<br>(patented, pending, abandoned)   |
| (Application Serial No.)   | (Filing Date)  | (Status)<br>(patented, pending, abandoned)   |
| (Application Serial No.)   | (Filing Date)  |  |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)



PATENT TRADEMARK OFFICE

Herb Boswell, Reg. No. 27,311
Laurel Spear Bernstein, Reg. No. 37,280
Robert S. Andrews, Reg. No. 44,508
April Logan, Reg. No. 33,950
Neil S. Bartfeld, Reg. No. 39,901
Kenneth H. Tarbet, Reg. No. 43,181
Donna T. Ward, Reg. No.48,271
of the firm
ISIS Pharmaceuticals, Inc.-Carlsbad Research Center
2292 Faraday Avenue
Carlsbad, California 92008

Send Correspondence to:

Direct Telephone Calls to: (name and telephone number)
Jane Massey Licata or Kathleen A. Tyrrell - (856) 810-1515

| 2-21-02 |
|---------|
| Date    |
|         |
|         |
|         |
| -       |

| Full name of second inventor, if any |        |
|--------------------------------------|--------|
| Lex M. Cowsert                       |        |
| Second inventor's signature          | 2/4/UZ |
| Residence/                           | 770    |
| San Mateo, California                |        |
| Citizenship                          |        |
| US                                   |        |
| Post Office Address                  |        |
| 1299 Parrott Drive                   |        |
|                                      |        |
| San Mateo, California 94402          |        |